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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	14386
First Inventor	Wei
Title	Apparatus and Method for Conducting...Employing Sa
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 61]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 17]
- Oath or Declaration [Total Pages 3]
 - ☒ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☒ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Prior application information:

Examiner: _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 000293 or ☐ Correspondence address below
(Insert Customer No. or Attach bar code label here)

Name	Ralph A. Dowell of DOWELL & DOWELL, P.C.				
Address	Suite 309, 1215 Jefferson Davis Highway				
City	Arlington	State	VA	Zip Code	22202
Country	US	Telephone	703 415 2555	Fax	703 415 2559

Name (Print/Type)	Ralph A. Dowell	Registration No. (Attorney/Agent)	26,868
Signature		Date	06/30/2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

13408 U.S. PAT. & TM. OFF.

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 820.00

Complete if Known

Application Number	
Filing Date	June 30, 2003
First Named Inventor	Wei
Examiner Name	
Art Unit	
Attorney Docket No.	14386

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:
 Deposit Account Number: 04-1577 deficiencies only
 Deposit Account Name:

The Director is authorized to: (check all that apply)
☐ Charge fee(s) indicated below ☐ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE			
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	375
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 375

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 51 -20** = 31 x 9 = 279
 Independent Claims 6 -3** = 3 x 42 = 126
 Multiple Dependent Claims =

Large Entity Fee Code (\$)		Small Entity Fee Code (\$)		Fee Description	
1202 18	2202 9	1201 84	2201 42	Claims in excess of 20	
		1203 280	2203 140	Independent claims in excess of 3	
		1204 84	2204 42	Multiple dependent claim, if not paid	
				** Reissue independent claims over original patent	
		1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$) 405

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES						
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid			
1051 130	2051 65	Surcharge - late filing fee or oath				
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet				
1053 130	1053 130	Non-English specification				
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination				
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action				
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action				
1251 110	2251 55	Extension for reply within first month				
1252 410	2252 205	Extension for reply within second month				
1253 930	2253 465	Extension for reply within third month				
1254 1,450	2254 725	Extension for reply within fourth month				
1255 1,970	2255 985	Extension for reply within fifth month				
1401 320	2401 160	Notice of Appeal				
1402 320	2402 160	Filing a brief in support of an appeal				
1403 280	2403 140	Request for oral hearing				
1451 1,510	1451 1,510	Petition to institute a public use proceeding				
1452 110	2452 55	Petition to revive - unavoidable				
1453 1,300	2453 650	Petition to revive - unintentional				
1501 1,300	2501 650	Utility issue fee (or reissue)				
1502 470	2502 235	Design issue fee				
1503 630	2503 315	Plant issue fee				
1460 130	1460 130	Petitions to the Commissioner				
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)				
1806 180	1806 180	Submission of Information Disclosure Stmt				
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40			
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))				
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))				
1801 750	2801 375	Request for Continued Examination (RCE)				
1802 900	1802 900	Request for expedited examination of a design application				
Other fee (specify)						
*Reduced by Basic Filing Fee Paid						
SUBTOTAL (3)			(\$) 40			

SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	Ralph A. Dowell	Registration No. (Attorney/Agent)	26,868
Signature		Telephone	703 415 2555
		Date	June 30, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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